

Title (en)  
ULTRASONIC SURGICAL INSTRUMENT

Title (de)  
CHIRURGISCHES ULTRASCHALLINSTRUMENT

Title (fr)  
INSTRUMENT ULTRASONIQUE CHIRURGICAL

Publication  
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Application  
**EP 02709605 A 20020208**

Priority  
• US 0204988 W 20020208  
• US 26725101 P 20010208

Abstract (en)  
[origin: WO02062241A1] An ultrasonic surgical instrument is provided which includes a handle assembly (218), a body (220) extending distally from the handle assembly and an end effector (222) configured to effect cutting, dissection, coagulation and/or ligation of tissue. The end effector (222) includes an ultrasonic member (226). A transducer (32, 132) is supported adjacent, on or within the ultrasonic member (226) and is connected to a power source. Upon actuation of the power source, the transducer (32, 132) effects vibration of the ultrasonic member (226). In one preferred embodiment, the end effector (222) is mounted for articulation about the distal end of the instrument.

IPC 8 full level  
**A61B 17/32** (2006.01); **A61B 18/00** (2006.01); **A61B 17/22** (2006.01); **A61B 17/28** (2006.01)

CPC (source: EP US)  
**A61B 17/29** (2013.01 - US); **A61B 17/320092** (2013.01 - EP); **A61B 17/2202** (2013.01 - EP US); **A61B 2017/00026** (2013.01 - EP US); **A61B 2017/00084** (2013.01 - EP US); **A61B 2017/2927** (2013.01 - EP US); **A61B 2017/320069** (2017.07 - EP US); **A61B 2017/320071** (2017.07 - EP US); **A61B 2017/320094** (2017.07 - EP US)

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